

* SMUG BYTES *

* Volume 8, Number 7 *

* July 1991 *

* Subscriptions = \$10.00 per year *

* or free with swap. Send to: *

* SINCLAIR MILWAUKEE USERS GROUP *

* P.O. Box 101, Butler WI 53007 *

* THIS MONTH: *

* - Contest Program - Part 2 *

* - Meeting Notes *

* - Some New Newsletters *

* - Presidents Program *

* - And Other Great Things *

* If any articles are copied *

* please credit SMUG BYTES *

* and the author. *

* NEXT MEETING DATE: 08/07/91 *

* SEE YOU THERE *

* Send all contributions by the *

* 3rd Wednesday of the month to: *

* Bill Heberlein *

* Editor *

* SMUG BYTES *

* 5052 N. 91st Street *

* Milwaukee WI 53225-4129 *

* 1991 OFFICERS *

* & WORKING *

* MEMBERS *

* All Area Codes Are 414 *

*President - Bill Heberlein *

* - 527 2191 *

*V. Pres. - Neal Schultz *

* - 353 4522 *

*Secretary - Bud Dankert *

* - 251 4464 *

*Treasurer - R. Cultice *

* - 542 3591 *

*Education - R. Cultice *

* - 542 3591 *

* - Librarians *

*Tape/Disk -E. Pawlowski *

* 1 - 338 0260 *

*Book - D. Nickel *

* 1 - 284 9691 *

* - Sub Group Leaders *

*"C" - R. Cultice *

*Meeting - Suspended *

* - 542 3591 *

*Games - N. Schultz *

*Meeting 3rd Saturday of the month *

* - 353 4522 *

*Hardware - G. Kraemer *

*Meet-no set date. Call for info. *

* - 421 0179 *

*QL - R. Hilsmann *

*Meeting 3rd Wednesday of month *

* - 251 5291 *

*Spectrum - R. Hilsmann *

*Meeting 3rd Wednesday of month *

* - 251 5291 *


NOTE NEITHER ANY AUTHOR OR SMUG BYTES TAKES ANY RESPONSIBILITY
FOR ANY HARDWARE MODIFICATIONS TO YOUR EQUIPMENT.

Contest Program

This is a continuation of last months
program. Hope to see another by next
month. Well enjoy.

These lines are the last 12 for
section of the program.

```
15006 GO SUB 11000
15008 BORDER 9,1,7: PAPER 1: INK 6: CLS: AT 10,2: PRINT "TO RETURN TO MENU ENTER
555"
15010 INPUT "Enter record number ";rec_no
15020 IF rec_no>500 THEN sub_menu=1: GO SUB 15300: RETURN
15024 x$(1, 1 TO 60)=m$(rec_no, 1 TO 60)
15035 CLS
15040 AT 12,0: PRINT x$(1, 1 TO 30)
15050 AT 13,0: PRINT x$(1, 31 TO 50)
15055 AT 14,0: PRINT "Months=";x$(1, 51);", ";x$(1, 52);", ";x$(1, 53);",
";x$(1, 54);", ";x$(1, 55);", ";x$(1, 56);", ";x$(1, 57);", ";x$(1, 58);"
Year=";x$(1, 59 TO 60)
```

>		The new Computer Store	<
>	2nd		<
>		For Not-So-New	<
>	BYTES		<
>		Computers	<
>			<
>			<
>*	SAVE THE HASSLE.	have 2nd BYTES sell your	<
>	" unused "	computer, peripherals and software.	<
>	-	We are in the Business to sell your computer.	<
>			<
>*	SAVE MONEY.	buy your computer, peripheral and	<
>		software at 2nd BYTES.	<
>			<
>*	SAVE TIME.	have our professional consultants	<
>		assist you in finding the computer and the programs	<
>		for your needs.	<
>	-	We are in the business to help you select an inexpensive	<
>		system.	<
>			<
>*	WARRANTY.	on almost all equipment we sell.	<
>	-	We service what we sell.	<
>			<
>			<
>		774-1155	<
>			<
>		9721 W. Greenfield Avenue West Allis WI 53214	<
>			<
>			<

GIGO OR IN OTHERWORDS THE MEETING

Well July was not any better than June as a meeting month. We did have 9 members and a good time. We discussed the South Milwaukee swap/hamfest that was upcoming along with normal club news.


As a surprise we had a guest. Brother Mateja called on Wednesday to get directions to the meeting. It seems he has the software for the QL digitizer and wanted to demonstrate it for us.

He made it about 8:30-9:00 with the programs. We loaded them on the QL and ran the demo program. The demo is really fantastic. It has a 4 second run from a video digitized on disk. You can run it at normal speed or slow and watch the action.

This action can be paused or zoomed to better display the picture. The monitor we were using was a black and white so I can't report on color, all though you could see there was color. Since there was no digitizing hardware we couldn't add to the demo or try out any of the other features. But I think the QL digitizer is a great thing and a way to enhance the QL computer as a modern computer.


He purchased the program from Paul Holmgren and I hope he brings a demo to the Computerfest in Dayton. You will be suprised at what it can do.

Well I hope we see you at the next meeting. We should have a nice meeting and a good discusion.



Have You Heard OF RMC ENTERPRISES?

IF NOT, WHERE HAVE YOU BEEN!
WE HAVE BEEN SERVING THE T/S COMMUNITY
SINCE 1981 AND WE ARE NOW THE WORLD'S
LARGEST TIMEX/SINCLAIR DEALER!
FOR JUST \$3.50 (REFUNDABLE) YOU CAN GET A
CATALOG AND PRICE SHEET SO YOU CAN SEE
WHAT WE HAVE TO OFFER TO FILL YOUR NEEDS.
FROM PRINTERS AND INTERFACES TO DISK
DRIVES AND RAMDISK, WE HAVE IT.

**CALL OR WRITE:**

1419 1/2 7TH STREET
OREGON CITY, OR 97045
503/655-7484 NOON-10PM PT T-S
FAX 503/655-4116 24 HOURS

PRESIDENTS PROGRAM

Well January is fast approaching and we need some more new blood to run for officers. Think about it. Along with that we need people to help with other things. Like getting a demo or some kind of meeting talk. It doesn't have to be every month but maybe once in a while. We even need a committee to nominate members to run for officers. Well just think about it. We can use you.

There is a new newsletter in the works. I just got a copy and it seems like it will be a good one. It is for the QL only and it is called the "Internaional QL Report". Its published by SeaCost Services. Their address is 14 Kilburn Court, Newport, RI 02840.

Along with that I received a letter from Franz Herrmann of the Sinclair QL User Club e.v. He sent us a letter asking for a swap. The address is Franz Herrmann, TalstraBe 21, W-5460 Ockenfels, Germany / West

Upcoming computer/ham shows: Sat. & Sun. Sept. 21-22 Radio Expo Grayslake Il. \$5 in advance \$6 at door. Sat. Oct. 5, 1991 Fallfest '91. Greenbay Community Center 8am til ?. \$2 at the door. The Kettle Moraine Radio Amateurs Swapfest, Sunday, Oct. 13th, 1991, Waukesha Expo Center. \$4-\$5 at the door.



"OF COURSE / STILL MAKE THE TOUGH DECISIONS"

EMSoft

Software for the QL that works hard

Now has in-stock the very best true WYSIWYG QL word-processor: text⁸⁷ v3.00 with spell check and several new features. (includes 1 hr USA help line). \$94.95

Tax-time means TAX-I-QL/89		\$24.95
RECIPE	_dbf	\$14.95
INVENTORY	_dbf	\$9.95
TRUST_FUND	_dbf	\$24.95
QLAND_LORD	_dbf	\$24.95
MAILBAG	_dbf	\$24.95
DBTutor	_dbf	\$24.95
DBProgs	_dbf	\$19.95
CDIR/BOOTS	SBas	\$9.95

On 5.25" DD or QD disks. On 3.5" or microcartridge add \$2.00.

FREE CATALOGUE

EMSoft

P.O. Box 8763
Boston MA 02114
(617)889-0830

Two tough things to find for your Timex or Sinclair ZX/TS computer--

SOLID INFORMATION & GOOD CONNECTORS

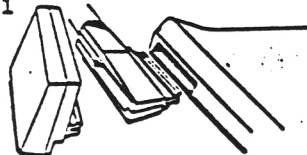
YOU KNOW WHERE TO GET THE BEST INFO FOR YOUR ZX/TS--SYNTAX, SQ, & THE FOYT BOOK CHECK IT OUT--ASK ANYONE-- THEN GET 'EM ALL FOR

JUST \$19.95 plus \$10 S&H

BUS CONNECTOR & EXTENDER & HOUSING

LIKE A PRINTER CONNECTOR

Keyed Connector, Extender PC Board PLUS Molded Black Plastic Housing Fits: ZX80 & 81 TS1000 & 1500 PC8300 ZX/TS SUBSET OF SPECTRUM & 2068



Pkg of 3, ONLY \$13.95 plus \$2 S&H SAVE Buy 2, get a FREE one 9 for \$26.95 + \$6 S&H SAVE

EMS, Box 8763, Boston, MA 02114-8763
617-889-0830 VISA & MC Add 4%


```

2050 IF inky$=="p" THEN GO TO 2100: END IF
2060 IF inky$=="m" THEN RETURN : END IF
2070 GO TO 2040
2080 REMark printed list
2102 OPEN #3,ser
2105 AT 8,0: PRINT "If printer is ready press enter.": PAUSE 40000
2106 AT 8,0: PRINT "
2110 FOR n=1 TO 500
2120 inky$=INKEY$(0): IF inky$=="P" THEN PAUSE 40000: END IF
2130 IF inky$=="C" THEN n=500: GO TO 2180: END IF
2135 IF m$(n, 1 TO 5)="" THEN GO TO 2180: END IF
2140 PRINT #3,m$(n, 1 TO 30)
2150 PRINT #3,m$(n, 31 TO 50)
2160 PRINT #3,"MONTHS ";m$(n, 51 TO 58);" YR ";m$(n, 59 TO 60)
2170 PRINT #3," "
2180 NEXT n: END FOR n
2190 CLOSE #3: RETURN
2500 REMark display list
2501 AT 2,3: PRINT "TO RETURN TO THE MENU ENTER M": AT 2,3: PRINT "TO PAUSE
WHILE LISTING ENTER P": AT 3,3: PRINT "TO CANCEL WHILE LISTING ENTER C": AT 4,0:
PRINT "
2503 AT 1,5: PRINT "Current Month Is ";z$
2505 AT 15,0: PRINT "
2506 m=6: u=6
2510 FOR n=1 TO 500
2520 inky$=INKEY$(0)
2521 u=m: IF u=6 THEN u=18
2522 IF inky$=="p" THEN FLASH 1: AT u-1,0: PRINT "PAUSED ": FLASH 0: FOR y=1 TO
0: inky$=INKEY$(0): END FOR y: PAUSE 40000: AT u-1,0: PRINT "
2530 IF inky$=="c" THEN n=500: GO TO 2580: END IF
2535 IF m$(n, 1 TO 5)="" THEN GO TO 2580: END IF
2537 PAUSE 25
2540 AT m,0: PRINT m$(n, 1 TO 30)
2550 AT m+1,5: PRINT m$(n, 31 TO 50)
2560 AT m+2,7: PRINT "MONTHS ";m$(n, 51 TO 58);" YR ";m$(n, 59 TO 60)
2570 m=m+4: IF m>16 THEN m=6: END IF
2580 NEXT n: END FOR n
2590 RETURN
3000 REMark display/print drop list
3010 PAPER 4: INK 2: CLS: BORDER 9,4,7
3020 AT 0,3: PRINT "DISPLAY/PRINT DROP FILE": AT 2,0: PRINT "TO DISPLAY ON THE
SCREEN ENTER D": AT 3,0: PRINT "TO PRINT TO THE PRINTER ENTER P": AT 4,0: PRINT
"TO RETURN TO THE MENU ENTER M"
3030 AT 9,0: PRINT "ENTER TYPE OF LISTING WANTED D/P"
3033 AT 1,5: PRINT "Current Month Is ";z$
3040 inky$=INKEY$(0): IF inky$=="d" THEN GO TO 3500: END IF
3050 IF inky$=="p" THEN GO TO 3100: END IF
3060 IF inky$=="m" THEN RETURN : END IF
3070 GO TO 3040
3100 REMark printed list
3102 AT 1,5: PRINT "Current Month Is ";z$
3105 AT 8,0: PRINT "If printer is ready press enter.": PAUSE 40000
3106 AT 8,0: PRINT "
3107 AT 15,0: PRINT "
3110 FOR n=1 TO 500
3120 inky$=INKEY$(0): IF inky$=="P" OR inky$=="p" THEN PAUSE 40000: END IF
3130 IF inky$=="c" THEN n=500: GO TO 3180: END IF
3135 IF d$(n, 1 TO 5)="" THEN GO TO 3180
3140 OPEN #3,ser: PRINT #3,d$(n, 1 TO 30)

```

COMPUTER AND PRINTER REPAIR

FACTORY AUTHORIZED SERVICE

- Commodore
 - Panasonic
 - Amiga
 - Brother
 - NEC
 - Samsung
 - Apple compatibles
 - Star Micronics
 - Atari
 - Citizen
 - C.Itoh
 - Silver-Reed
 - Goldstar
 - IBM compatibles
- and other popular brands

SYSTEM
TECH

ELECTRONICS

10953 West Mitchell Street

475-7475

Mon.- Fri. 9-7
Saturday 12-4

3 blocks south of Greenfield Ave.
and 1 block west of HWY 100

GK ENTERPRISES

Your Computer Supply Source

No need to wait for a sale.

Our prices are low everyday

Wide selection of printer ribbons

AXIOM

C. ITOH

EPSON

OKIDATA

PANASONIC

STAR

AND MANY MORE.

SMUG SPECIAL

2700 sheets 9 1/2 x 11 20# Microperf \$23.50

* 546-0111 *

8634 W. National Avenue

West Allis WI 53227

```

3150 PRINT #3,d$(n, 31 TO 50)
3160 PRINT #3,"MONTHS ";d$(n, 51 TO 58);" YR ";d$(n, 59 TO )
3170 PRINT #3," "
3180 NEXT n: END FOR n
3190 CLOSE #3: RETURN
3500 REMark display list
3501 AT 0,3: PRINT "DISPLAY/PRINT DROP FILE": AT 2,0: PRINT "TO PAUSE WHILE
LISTING ENTER P ": AT 3,0: PRINT"TO CANCEL WHILE LISTING ENTER C": AT 4,0:
PRINT "
3502 AT 1,5: PRINT "Current Month Is ";z$
3505 AT 9,0: PRINT "
3506 m=6
3510 FOR n=1 TO 500
3520 inky$=INKEY$(0): IF inky$="P" OR inky$="p" THEN AT 17,0: FLASH 1: PRINT
"PAUSED": FLASH 0: PAUSE 40000: AT 17,0: PRINT " ": END IF
3530 IF inky$=="c" THEN n=500: GO TO 3580: END IF
3535 IF d$(n, 1 TO 5)="" THEN GO TO 3580: END IF
3537 PAUSE 25
3540 AT m,0: PRINT d$(n, 1 TO 30)
3550 AT m+1,5: PRINT d$(n, 31 TO 50)
3560 AT m+2,7: PRINT "MONTHS ";d$(n, 51 TO 58);" YR ";d$(n, 59 TO 60)
3570 m=m+4: IF m>16 THEN m=6: END IF
3580 NEXT n: END FOR n
3590 RETURN
4000 REMark list any member with 1 missed meeting
4005 PAPER 2: INK 5: CLS: BORDER 9,2,7: AT 2,4: PRINT "LIST ALL MEMBERS WITH 1
MISSED MEETING": AT 5,0: PRINT " Ready printer then press enter.": PAUSE 40000:
AT 12,10: FLASH 1: PRINT "Searching": FLASH 0
4010 FOR n=1 TO 500
4020 IF m$(n, 1 TO 5)="" THEN GO TO 4080: END IF
4030 FOR m=51 TO 50+month
4040 IF m$(n, m)="" THEN GO SUB 4100: GO TO 4080: END IF
4050 NEXT m: END FOR m
4080 NEXT n: END FOR n
4090 RETURN
4100 REMark print selected member
4120 OPEN #3,ser: PRINT #3,m$(n, 1 TO 30)
4130 PRINT #3,m$(n, 31 TO 50)
4140 PRINT #3,"Month of list ";month;",";m$(n, 51 TO 58)
4150 PRINT #3," "
4160 CLOSE #3: RETURN
5000 REMark save
5002 CLS #1: CLS #2: CLS #0: CLS: BORDER 9,1,7: AT 1,4: PRINT "Directory"
5003 DIR flp2_
5004 AT 10,15: PRINT "TO RETURN ENTER XXX"
5005 INPUT #0,"Enter program save name ";prog_name$: save_string$="flp2_":
save_string$=save_string$ & prog_name$
5007 IF prog_name$=="xxx" THEN RETURN : END IF
5010 SAVE save_string$
5020 RETURN
6000 REMark EXIT PROGRAM
6005 CLS: AT 10,5: PRINT "Are you sure? y/n"
6006 inky$=INKEY$(0): IF inky$=="Y" THEN GO TO 6010: END IF
6007 IF inky$=="n" THEN RETURN : END IF
6008 GO TO 6006
6010 NEW
6020 STOP
7000 REMark
7010 GO SUB 1600

```

```

7020 RETurn
8000 REMark sort
8001 CLS #1: CLS #2: CLS #0: CLS: BORDER 9,3,7: AT 1,4: PRINT "Sorting"
8002 m$(0, 1 TO 3)=length
8003 sort m$,d$
8004 RETurn
9000 REMark Read/write flp2_master      m$(w) = master      month
= month working on      length = # of entries in m$
9100 REMark write the disk files.
9110 REMark write master record
9130 PRINT #7,m$(w, 1 TO 60)
9140 RETurn
9145 REMark write unused master, month and length
9150 FOR n=length+1 TO 500: PRINT #7,m$(n, 1 TO 60): NEXT n: END FOR n
9153 PRINT #7,month
9160 PRINT #7,length
9165 PRINT #7,year
9170 CLOSE #7
9180 RETurn
9200 REMark read the disk files.
9205 BORDER 9,0,7: PAPER 7: INK 0: CLS: PRINT "Loading master file from disk"
9210 OPEN_IN #7,"flp2_master"
9220 FOR n=1 TO 500
9230 INPUT #7,m$(n, 1 TO 60)
9240 NEXT n: END FOR n
9250 INPUT #7,month
9260 INPUT #7,length
9265 INPUT #7,year
9270 CLOSE #7
9280 RETurn
9300 REMark re-write master file
9305 OPEN_NEW #7,flp2_master
9307 CLS #0
9310 FOR w=1 TO length
9330 PRINT #7,m$(w, 1 TO 60)
9340 NEXT w: END FOR w
9345 GO SUB 9150
9350 RETurn
10000 REMark print the disk master file on flp2_
10001 BORDER 9,0,7: PAPER 0: INK 7: CLS: PRINT "Printing master file from disk"
10004 OPEN_IN #7,"flp2_master"
10005 OPEN #3,ser
10010 FOR n=1 TO 500
10015 DIM u$(1,60)
10020 INPUT #7,u$(1, 1 TO 60)
10025 IF n<475 THEN IF u$(1, 1 TO 5)="      " THEN NEXT n
10030 PRINT #3,n;" ";u$(1, 1 TO 60)
10040 NEXT n: END FOR n
10050 INPUT #7,u$(1, 1)
10060 PRINT #3,"month ";u$(1, 1)
10070 INPUT #7,u$(1, 3)
10080 PRINT #3,"length ";u$(1, 1 TO 3)
10083 INPUT #7,u$(1, 1 TO 2)
10086 PRINT #3,"year ";u$(1, 1 TO 2)
10090 CLOSE #3: CLOSE #7
10100 RETurn
11000 REMark restore the master, month and length
11001 BORDER 9,1,7: PAPER 1: INK 6: CLS: PRINT "Loading master file from disk"

```

```

11010 DIM ms(500,60)
11020 GO SUB 9210
11030 RETURN
12000 REMark save master, month, length, and year
12001 BORDER 9,0,7: PAPER 0: INK 7: CLS: PRINT "Saving data to disk"
12005 CLS #0
12010 GO SUB 9300
12020 RETURN
13000 REMark sort procedure
13010 DEFine PROCedure sort(come, send)
13020 num=come(0, 1 TO 3)
13030 FOR item=2 TO num
13040     p=item
13050     come(0, 1 TO 60)=come(p, 1 TO 60)
13060     REPEAT compare
13070         IF come (0, 1 TO 60)>=come (p-1, 1 TO 60): EXIT compare
13080         come (p, 1 TO 60)=come(p-1, 1 TO 60)
13090         p=p-1
13100     END REPEAT compare
13110     come(p, 1 TO 60)=come (0, 1 TO 60)
13120 END FOR item
13130 END DEFine
14000 REMark menu for adjustment of master file.
14001 BORDER 9,1,7: PAPER 1: INK 6: CLS: PRINT "        Process Adjustment Menu
USE UP OR DOWN ARROWS        PRESS ENTER WHEN READY": l=5: open_sw=0
14010 DIM x$(1,60)
14020 FOR n=1 TO 4
14030 l=l+1: GO SUB 14200+(n*10): NEXT n: END FOR n: l=6
14040 n=1: menu=0: sub_menu=0
14050 IF l>9 THEN l=6: n=1: END IF
14060 IF l<6 THEN l=9: n=4: END IF
14070 AT l,0: FLASH 1: INK 2: PRINT "=>": FLASH 0: GO SUB 14200+(n*10): INK 6
14080 inky$=INKEY$(0): IF CODE (inky$)=0 THEN GO TO 14080: END IF
14090 IF CODE(inky$)=(216) THEN AT l,0: PRINT " ": GO SUB 14200+(n*10): INK 6:
l=l+1: n=n+1: GO TO 14050: END IF
14100 IF CODE(inky$)=(208) THEN AT l,0: PRINT " ": GO SUB 14200+(n*10): INK 6:
l=l-1: n=n-1: GO TO 14050: END IF
14110 IF CODE(inky$)=(10) THEN ON n GO SUB 15000, 16000, 17000, 18000: END IF
14112 IF sub_menu THEN sub_menu=0: GO TO 14000
14115 IF menu THEN menu=0: RETURN : END IF
14120 GO TO 14080
14200 REMark print menu lines
14210 AT l,4: PRINT "DELETE RECORD USING RECORD #"
14215 RETURN
14220 AT l,4: PRINT "ADD MONTH # USING RECORD #"
14225 RETURN
14230 AT l,4: PRINT "CHANGE NAME USING RECORD #"
14235 RETURN
14240 AT l,4: PRINT "RETURN TO MAIN MENU"
14245 RETURN
15000 REMark delete by record number
15001 BORDER 9,1,7: PAPER 1: INK 6: CLS: AT 1,2: PRINT "DELETE RECORD BY RECORD
NUMBER."
15002 AT 5,0: PRINT "RESTORE FROM DISK? Y/N"
15003 inky$=INKEY$(0): IF inky$=="Y" THEN GO TO 15006: END IF
15004 IF inky$=="N" THEN GO TO 15008: END IF
15005 GO TO 15003

```

The Sinclair Milwaukee Users Group (SMUG)

We are a not-for-profit group devoted to serving the interests of those who own, use, and/or are interested in the Timex/Sinclair family of computers.

Editor and contact person is:

Bill Heberlein (414) 527 2191.

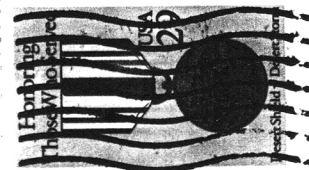
SMUG maintains a gratis exchange of newsletters with approximately 30 Users Groups across the U.S. and Canada. Clubs not sending newsletters for more than 6 months are removed from our mailing list.

Newsletter subscription is available for only \$10 per year to non members or free with a club membership. A club membership is \$20 per year for a family membership.

Advertising cost for 1/2 page ad running for six months is \$10. The ad copy may be changed each month but you must supply the copy.

SMUG BYTES
5052 N. 91st Street
Milwaukee WI 53225-4129
Address Correction Requested

FIRST CLASS MAIL



The next meeting of SMUG will be held on:
Wednesday, August 7, 1991

6:00 Set Up	6:30
7:30 Business Meeting	8:30
9:00	10:30 Clean Up

Wednesday, September 4, 1991

6:00 Set Up	6:30
7:30 Business Meeting	8:30
9:00	10:30 Clean Up

Location:

Equitable Savings and Loan,
145th and Capital Drive,
Milwaukee WI

NITE-TIMES NEWS
CATUG Newsletter
613 Parkside Circle
Streamwood, IL
60107